

Title (en)

NOVEL CANCER ANTIGENS AND ANTIBODIES OF SAID ANTIGENS

Title (de)

NEUARTIGE KREBSANTIGENE UND ANTIKÖRPER DIESER ANTIGENE

Title (fr)

NOUVEAUX ANTIGÈNES DU CANCER ET ANTICORPS DESDITS ANTIGÈNES

Publication

EP 3915581 A4 20230322 (EN)

Application

EP 20745918 A 20200124

Priority

- JP 2019009845 A 20190124
- JP 2020002476 W 20200124

Abstract (en)

[origin: EP3915581A1] In a non-limiting embodiment, isolated antibodies that bind to any of the following proteins are provided: XPR1, NOX1, MARVELD3 isoform 1, MARVELD3 isoform 2, SPINT2, MANSC1, SLC12A2, CDCP1, SEZ6L2, FLVCR1, SLC7A5, STEAP1, MMP14, TNFRSF21, and TMPRSS4.

IPC 8 full level

A61K 39/395 (2006.01); **A61P 1/00** (2006.01); **A61P 11/00** (2006.01); **A61P 35/00** (2006.01); **C07K 16/28** (2006.01); **C07K 16/46** (2006.01); **C12N 15/13** (2006.01)

CPC (source: EP US)

A61P 1/00 (2017.12 - EP); **A61P 11/00** (2017.12 - EP); **A61P 35/00** (2017.12 - EP US); **C07K 16/18** (2013.01 - EP); **C07K 16/2809** (2013.01 - EP US); **C07K 16/30** (2013.01 - EP); **C07K 16/3023** (2013.01 - EP US); **C07K 16/3046** (2013.01 - EP); **C07K 2317/31** (2013.01 - EP US); **C07K 2317/73** (2013.01 - EP US)

Citation (search report)

- [A] EP 3144388 A1 20170322 - CHUGAI PHARMACEUTICAL CO LTD [JP], et al
- [X] STEED EMILY ET AL: "Identification of MarvelD3 as a tight junction-associated transmembrane protein of the occludin family", BMC CELL BIOLOGY, BIOMED CENTRAL, LONDON, GB, vol. 10, no. 1, 95, 22 December 2009 (2009-12-22), XP021065777, ISSN: 1471-2121
- [I] TESSEMA MATHEWOS ET AL: "Genome-wide unmasking of epigenetically silenced genes in lung adenocarcinoma from smokers and never smokers", CARCINOGENESIS, vol. 35, no. 6, 1 June 2014 (2014-06-01), GB, pages 1248 - 1257, XP055978589, ISSN: 0143-3334, Retrieved from the Internet <URL:<https://academic.oup.com/carcin/article-pdf/35/6/1248/14133350/bgt494.pdf>> DOI: 10.1093/carcin/bgt494
- [T] STEED EMILY ET AL: "MarvelD3 couples tight junctions to the MEKK1-JNK pathway to regulate cell behavior and survival", THE JOURNAL OF CELL BIOLOGY, vol. 204, no. 5, 3 March 2014 (2014-03-03), US, pages 821 - 838, XP055977971, ISSN: 0021-9525, Retrieved from the Internet <URL:https://rupress.org/jcb/article-pdf/204/5/821/1363045/jcb_201304115.pdf> DOI: 10.1083/jcb.201304115
- [T] TAKASHI KOJIMA ET AL: "Regulation of tight junctions in human normal pancreatic duct epithelial cells and cancer cells", ANNALS OF THE NEW YORK ACADEMY OF SCIENCES, NEW YORK ACADEMY OF SCIENCES, US, vol. 1257, no. 1, 6 June 2012 (2012-06-06), pages 85 - 92, XP071408678, ISSN: 0077-8923, DOI: 10.1111/J.1749-6632.2012.06579.X
- [T] TAKASHI KOJIMA ET AL: "Downregulation of tight junction-associated MARVEL protein marvelD3 during epithelial mesenchymal transition in human pancreatic cancer cells", EXPERIMENTAL CELL RESEARCH, ELSEVIER, AMSTERDAM, NL, vol. 317, no. 16, 30 June 2011 (2011-06-30), pages 2288 - 2298, XP028268299, ISSN: 0014-4827, [retrieved on 20110708], DOI: 10.1016/J.YEXCR.2011.06.020
- See references of WO 2020153467A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3915581 A1 20211201; EP 3915581 A4 20230322; CN 113329770 A 20210831; JP WO2020153467 A1 20211202;
US 2022089770 A1 20220324; WO 2020153467 A1 20200730

DOCDB simple family (application)

EP 20745918 A 20200124; CN 202080010813 A 20200124; JP 2020002476 W 20200124; JP 2020567713 A 20200124;
US 202017424603 A 20200124